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- ... I **pollen allergens** (β -expansins) lack proteinase **activity** ... - Li - Cited by 53
- ... **allergy** to birch pollen as tools to define the **allergen** ... - Jarolim - Cited by 161
- Isolation Studies of Allergens from Ragweed Pollen* - King - Cited by 181

Method for determination of allergen in environment and kit for ...

Ragweed **pollen** proteolytic enzymes: possible roles in **allergies** and asthma. ... or apparatus for **detection**, and developed a kit for carrying out the **method**, ... [0018]In the **method** of the present invention, the **protease activity** of the ...

www.faqs.org/patents/app/20090203058 - Cached**NADPH oxidase activity in allergenic pollen grains of different ...**

by XL Wang - 2009 - Cited by 1 - Related articles

Here, we demonstrated that **allergenic pollen** grains showed NAD(P)H Materials and **methods**. **Pollen**. **Pollen** of Japanese cedar (*C. japonica*) Mechanical disruption of **pollen** grains enabled the **detection** of the ... strength, and protease class of **pollen protease activity** [25] and [26] among the plant families. ...

linkinghub.elsevier.com/retrieve/pii/S0006291X09013515**[PDF] Grass group I **pollen allergens** (β -expansins) lack proteinase ...**

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Group I grass **pollen allergens** make up a subgroup of the β -expansin family of cell wall we did not **detect** any **protease activity**, even after auto- ...

www.bio.psu.edu/expansins/reprints/ejb2336.pdf**Pollen) Juniperus ashei in Mountain Cedar (Allergen Pathogenesis ...**

by T Midoro-Horikiri - 2000 - Cited by 58 - Related articles

Sandwich ELISA was performed to **detect allergen-specific IgE** in patient A new **method** of counting airborne Japanese cedar (Cryp- **Protease activity** and pathogenesis- related proteins in virus-infected Samsun NN tobacco leaves. ...

www.jimmunol.org/cgi/reprint/164/4/2188.pdf - Similar**The Cysteine Protease Activity of the Major Dust Mite Allergen Der ...**

by L Gough - 1999 - Cited by 122 - Related articles

Abstract Materials and **Methods** Results and Discussion References ... We conclude that the **proteolytic activity** of Der p 1 is a major contributor to its allergenicity. The optimal dilutions used here were 1/10 for **detecting** total IgE, Ole e 9, a Major Olive **Pollen Allergen** Is a 1,3-beta -Glucanase. ...

jem.rupress.org/cgi/content/long/190/12/1897**[PDF] COMBINATION OF ALLERGENS IN SPECIFIC IMMUNOTHERAPY - Editorial ...**

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by J Susmita - 2007 - Related articles

Material and **methods**- patients who had a confirmed diagnosis of bronchial asthma, ... **allergens** including **pollen**, fungal (selection was based on the local aerobiological calendar) insect and ... **Allergens** with high **protease activity** (may be mixed together)

Investigations to **detect** a shift from Th2 to Th1 CD4+ ...
medind.nic.in/laa/07/1/laat0711p3.pdf

Physicochemical and immunochemical characterization of allergenic ...

by GP Cottam - 1986 - Cited by 39 - Related articles

The serine **proteinase** chain of human complement component C1s. Cyanogen bromide ... **allergenic activity** and stability of purified **allergens** from the **pollen** of common ... A new **method** for determining the distribution of **allergenic** fractions in ... ReviewCharacteristics and immunobiology of grass **pollen allergens**. ...

[www.ncbi.nlm.nih.gov/Journal List/Biochem J/v.234\(2\); Mar 1, 1986](http://www.ncbi.nlm.nih.gov/Journal List/Biochem J/v.234(2); Mar 1, 1986)

Specific Detection of Potentially Allergenic Kiwifruit in Foods ...

by H Taguchi - 2007 - Cited by 3 - Related articles

As an **allergenic food detection method**, Japanese regulation specifies PCR for birch **pollen allergy** and oral and pharyngeal hypersensitivity to fruit. ... concentration and **protease activity** in fruit juice of Actinidia species. ...

pubs.acs.org/doi/abs/10.1021/jf0624446

Ole e 9, a Major Olive Pollen Allergen Is a 1,3- β -Glucanase — JBC

by S Huecas - 2001 - Cited by 61 - Related articles

Thus, cysteine-**protease**, hyaluronidase, or glutathioneS-transferase are enzyme ... SDS-PAGE was performed by the **method** of Laemmli (41) in 12 and 15% polyacrylamide gels.

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www.jbc.org/content/276/30/27959.full

Journal of Clinical Investigation -- ROS generated by pollen NADPH ...

by I Boldogh - 2006 - Cited by 90 - Related articles

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